

State Water Resources Control Board

UST CASE CLOSURE REVIEW SUMMARY REPORT

Agency Information

Agency Name: County of Santa Clara Department of Environmental Health (County)	Address: 1555 Berger Drive, Suite 300 San Jose, CA 95112-2716
Agency Caseworker: Gerald O'Regan	Case No.: 07S1E02P02f

Case Information

USTCF Claim No.: 2785	GeoTracker Global ID: T0608501134
Site Name: Rotten Robbie #11	Site Address: 2305 Story Road San Jose, CA 95122
Responsible Party: Robinson Oil Corp. Attn: Thomas Robinson	Address: 955 Martin Avenue Santa Clara, CA 95050
USTCF Expenditures to Date: \$947,474	Number of Years Case Open: 26

To view all public documents for this case available on GeoTracker use the following URL.

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501134

Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy. Highlights of the case follow:

This case is an active commercial petroleum fueling facility. An unauthorized release was reported in March 1988 following the removal of one 300 gallon waste oil UST. Five additional USTs were removed and replaced at the Site in May 1991. An unknown volume of contaminated soil was excavated to a maximum depth of approximately 11 feet below ground surface (bgs). Soil contamination was reported at the Site in 2000 in conjunction with product piping replacement activities. Dual phase extraction was conducted intermittently between April 2003 and March 2008, which removed 2,970 pounds of total petroleum hydrocarbons as gasoline (TPHg) and 457,000 gallons of contaminated groundwater. Active remediation has not been conducted at the Site for the past six years. Since 1988, 12 groundwater monitoring wells and eight extraction wells have been installed and intermittently monitored. According to groundwater data, water quality objectives have been achieved or nearly achieved for all constituents except benzene and methyl tert-butyl ether (MTBE) in wells GX-160C and GX-160F.

The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, there are no public water supply wells or surface water bodies within 1,000 feet of the defined plume boundary. No other water supply wells have been identified within 1,000 feet of the defined plume boundary in files reviewed. The unauthorized release is located within the service area of a public water system, as defined in the Policy. The affected

Rotten Robbie #11
2305 Story Road, San Jose
Claim No: 2785

shallow groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected shallow groundwater will be used as a source of drinking water in the foreseeable future. Other designated beneficial uses of impacted groundwater are not threatened, and it is highly unlikely that they will be, considering these factors in the context of the site setting. Remaining petroleum hydrocarbon constituents are limited and stable, and concentrations are decreasing. Corrective actions have been implemented and additional corrective actions are not necessary. Any remaining petroleum hydrocarbon constituents do not pose a significant risk to human health, safety or the environment.

Rationale for Closure under the Policy

- General Criteria: The case meets all eight Policy general criteria.
- Groundwater Specific Criteria: The case meets Policy Criterion 1 by Class 2. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The dissolved concentration of benzene is less than 3,000 micrograms per liter ($\mu\text{g/L}$) and the dissolved concentration of MTBE is less than 1,000 $\mu\text{g/L}$.
- Vapor Intrusion to Indoor Air: Onsite, the case meets the Policy Exclusion for Active Station. Soil vapor evaluation is not required because the Site is an active commercial petroleum fueling facility and the release characteristics do not pose an unacceptable health risk. Offsite, the case meets Policy Criterion 2a by Scenario 3a. The maximum benzene concentration in groundwater is less than 100 $\mu\text{g/L}$. The minimum depth to groundwater is greater than 5 feet, overlain by soil containing less than 100 milligrams per kilogram (mg/kg) of TPH.
- Direct Contact and Outdoor Air Exposure: The case meets Policy Criterion 3a. Maximum concentrations in soil are less than those in Policy Table 1 for Commercial/Industrial use, and the concentration limits for a Utility Worker are not exceeded.

Determination

The Fund Manager has determined that corrective action performed at the Site is consistent with the requirements of Health and Safety code section 25296.10, subdivision (a), and that closure of the case is appropriate.

Recommendation

Based on available information, residual petroleum hydrocarbons at the Site do not pose a significant risk to human health, safety, or the environment, and the case meets the requirements of the Policy. Accordingly, the Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy. The County has the regulatory responsibility to supervise the abandonment of monitoring wells.

Lisa Babcock
Lisa Babcock, P.G. 3939, C.E.G. 1235
Fund Manager

7/3/15
Date

Prepared by: Kirk Larson